**From:** **Adam Molnar/ESC/R3/USEPA/US**
**Sent:** 1/11/2012 1:33:30 PM

**To:** Stevie Wilding/ESC/R3/USEPA/US
**CC:**
**Subject:** Re: Fw: Ethylene Glycol technical help

I am getting the emails from LTIG if that is what you mean.

It seems like they are using GC-MS for all their analyses. Still got some useful info though. Thanks for helping out.

Adam Molnar, Chemist
Environmental Science Center
701 Mapes Road
Fort Meade, MD 20755
molnar.adam@epa.gov
410-305-2676

From: Stevie Wilding/ESC/R3/USEPA/US
To: Adam Molnar/ESC/R3/USEPA/US@EPA
Date: 01/11/2012 12:20 PM
Subject: Fw: Ethylene Glycol technical help

Adam -- are you on the organic technical group?

----- Forwarded by Stevie Wilding/ESC/R3/USEPA/US on 01/11/2012 12:19 PM -----

From: Troy Strock/DC/USEPA/US
To: Wayne Whipple/R5/USEPA/US@EPA
Cc: Stevie Wilding/ESC/R3/USEPA/US, R3 ESC-LTIG ORGANIC
Date: 01/11/2012 11:54 AM
Subject: Re: Ethylene Glycol technical help

The R6 lab was the leader on the aqueous direct inject alcohols / ethers analysis including propylene glycol for identifying the dispersant that was being dumped in the gulf.

I only briefly dabbled, so I would not be much help.

The attached word doc (from R6, which you probably already have) has an app note from Restek in it that describes aqueous ethylene glycol injection and ways to minimize chromatography problems.

[attachment "glycol ether analysis.doc" deleted by Stevie Wilding/ESC/R3/USEPA/US]

Troy J Strock, chemist
US Environmental Protection Agency
Chicago Regional Lab

on detail to:
Waste Characterization Branch
Materials Recovery and Waste Management Division
Office of Resource Conservation and Recovery
1200 Pennsylvania Avenue, NW (MC-5304P)
Washington, D.C. 20460
office phone # 703.308.0744


DIM0036873

From: Wayne Whipple/R5/USEPA/US
To: Stevie Wilding/ESC/R3/USEPA/US
Cc: R3 ESC-LTIG ORGANIC
Date: 01/11/2012 10:50 AM
Subject: Re: Ethylene Glycol technical help

We had modified analysis for them at superfund CLP using direct injection on a carbowax column. We were using mass spec but an FID should work also. Not sure how the detection limits compare but either way good luck with lower ppm range with that one.Troy will probably tell you about his propylene glycol work.

Wayne J. Whipple, Ph. D.
Chemist
US EPA R5 Chicago Regional Laboratory
536 S Clark Street
10th Floor
Chicago, IL 60605
phone 312 353 9063
fax 312 582 5168

From: Stevie Wilding/ESC/R3/USEPA/US
To: R3 ESC-LTIG ORGANIC
Date: 01/11/2012 07:54 AM
Subject: Ethylene Glycol technical help

Region 5 or 6 -- could you let Adam know how you are analyzing ethylene glycol.

----- Forwarded by Stevie Wilding/ESC/R3/USEPA/US on 01/11/2012 08:52 AM -----

From: Adam Molnar/ESC/R3/USEPA/US
To: Stevie Wilding/ESC/R3/USEPA/US
Cc: Cynthia Caporale/ESC/R3/USEPA/US@EPA
Date: 01/11/2012 08:33 AM
Subject: Region 6 help with Ethylene Glycol

Stevie,

It says in the Dimock summary that you or Cindy will contact R5 and R6 today. I would like to know if they have a working ethylene glycol analysis by GC-FID. If they are getting good results I'd like to have a contact to discuss what they are doing.

Are you planning a conference call today?

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